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HEWLETT-PACKARD COMPANY  
Intellectual Property Administration  
P.O. Box 272400  
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## PATENT APPLICATION

ATTORNEY DOCKET NO. 10003568-1

Inventor(s): VANCE M. STEPHENS

Confirmation No.: 8982

Application No.: 09/870,878

Examiner: SCHLACK, SCOTT A.

Filing Date: 05/30/2001

Group Art Unit: 2625

Title: TECHNIQUES FOR ALIGNING IMAGES USING PAGE CHARACTERISTICS AND IMAGE SHIFTING

Mail Stop *APPEAL BRIEF - PATENTS*  
Commissioner For Patents  
PO Box 1450  
Alexandria, VA 22313-1450

TRANSMITTAL LETTER FOR RESPONSE/AMENDMENT

Transmitted herewith is/are the following in the above-identified application:

- ☐ Response/Amendment  
☐ New fee as calculated below  
☐ No additional fee  
☒ Other Response to notice of non-compliant appeal brief
- ☐ Petition to extend time to respond  
☐ Supplemental Declaration

Fee\$

CLAIMS AS AMENDED BY OTHER THAN A SMALL ENTITY						
(1) FOR	(2) CLAIMS REMAINING AFTER AMENDMENT	(3) NUMBER EXTRA	(4) HIGHEST NUMBER PREVIOUSLY PAID FOR	(5) PRESENT EXTRA	(6) RATE	(7) ADDITIONAL FEES
TOTAL CLAIMS		MINUS		= 0	X \$50	\$ 0
INDEP. CLAIMS		MINUS		= 0	X \$200	\$ 0
<input type="checkbox"/> FIRST PRESENTATION OF A MULTIPLE DEPENDENT CLAIM					+ \$360	\$ 0
EXTENSION FEE	<input type="checkbox"/> 1st Month \$120	<input type="checkbox"/> 2nd Month \$450	<input type="checkbox"/> 3rd Month \$1020	<input type="checkbox"/> 4th Month \$1590		\$ 0
OTHER FEES						\$
TOTAL ADDITIONAL FEE FOR THIS AMENDMENT						\$ 0

Charge \$ 0 to Deposit Account 08-2025. At any time during the pendency of this application, please charge any fees required or credit any over payment to Deposit Account 08-2025 pursuant to 37 CFR 1.25. Additionally charge any fees to Deposit Account 08-2025 under 37 CFR 1.16 through 1.21 inclusive, and any other sections in Title 37 of the Code of Federal Regulations that may regulate fees.

- ☐ A duplicate copy of this transmittal letter is enclosed.

I hereby certify that this paper is being  
transmitted to the Patent and Trademark Office  
facsimile number (571) 273-8300.  
Date of facsimile: 10-02-2007

Typed Name: Larry K. Roberts

Signature: Larry K. Roberts

Respectfully submitted,

VANCE M. STEPHENS

By Larry K. Roberts

Larry K. Roberts

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## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: )  
Vance Stephens ) Art Unit: 2625  
Serial No. 09/870,878 )) Examiner: Schlack, S.  
Filed: 05/30/2001 )  
For: TECHNIQUES FOR ALIGNING IMAGES )  
USING PAGE CHARACTERISTICS AND )  
IMAGE SHIFTING )

RESPONSE TO NOTICE OF NON-COMPLIANT APPEAL BRIEF

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In response to a notice of non-compliant appeal brief mailed September 12, 2007, an amended Section V, "Summary of The Claimed Subject Matter," is filed herewith.

In a discussion with Reginald Tyson, PTO patent appeals specialist, on September 26, he indicated that format of the page and line number references used in the original appeal brief, e.g. 5:5 for page 5, line 5, was objected to, and that all such references should be replaced by page \_\_, line \_\_. Mr. Tyson indicated that only the revised section, and not the entire brief, need be submitted. It is believed that the amended brief section filed herewith, in accordance with the discussion with Mr. Tyson, complies with the rule, and the brief should be entered.

Respectfully submitted,



Larry K. Roberts  
Registration No. 28,464

Dated: 10.2.2007

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## V. (AMENDED) SUMMARY OF THE CLAIMED SUBJECT MATTER.

The page and line numbers referred to herein are to the specification; reference characters are found in the drawing.

The subject matter of the claims at issue on this appeal are to addressing problems in printing images on media having characteristics which vary from the nominal. These characteristics can include a print medium which is shorter or longer than the nominal length dimension. [Page 5, line 25 to page 6, line 6; FIGS. 5A-5C]

Claim 1 is drawn to a method for printing an image on a print medium [10; FIG. 1], comprising:

- positioning the print medium at a print zone [page 11, lines 19-27; 30, FIG. 1 and 202, FIG. 7];

- determining actual medium size and medium placement characteristics [page 11, lines 23-27, page 12, lines 15-21; 204, 222, FIG. 7] said actual medium size characteristics including an actual medium length along a media feed path [page 12, lines 9-14; 218, FIG. 7];

- using the size and placement characteristics, shifting an image to be printed relative to nominal size and medium placement characteristics [page 12, lines 21-28; 224; FIG. 7]; and

- printing the shifted image on the medium [page 12, lines 21-28; 226; FIG. 7].

Claim 11 is drawn to a method for duplex printing an image on a print medium, comprising:

- positioning a front side of the print medium at a print zone [page 11, lines 19-22; 202, FIG. 7];

- determining actual size and placement characteristics of the medium, said actual medium size characteristics including an actual medium length along a media feed path [page 11, line 23 to page 12, line 14; 204-218, FIG. 7];

- printing a front side image on said front side [page 11, line 32 to page 12, line 9; 214-216, FIG. 7];

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passing the print medium through a duplexing path to flip the print medium and present the back side of the print medium at the print zone for printing a back side image [page 12, lines 15-19; 220, FIG. 7];

measuring leading edge and absolute location characteristics of the flipped print medium [page 12, lines 19-21; 222, FIG. 7];

calculate shift parameters to shift the back side image to align with the front side image placement [page 12, lines 21-24; 224, FIG. 7];

print a shifted back side image [page 12, lines 24-28; 226, FIG. 7].